

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. Heading

Date: March 27, 1991
Subject: Walton's Farm Site, Delran Township,
Burlington County, New Jersey
From: Don Graham, OSC, EPA Region II,
Removal Action Branch
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TAT
POLREP No.: POLREP 2

II. Background

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|------------------------------|------------------|
| Site No.: | 5 N |
| Delivery Order No.: | N/A |
| Response Authority: | CERCLA |
| NPL Status: | Non-NPL |
| Start Date: | N/A |
| State Notification: | State Notified |
| Status of Action Memorandum: | Approved 1/07/91 |

III. Site Information

Walton's Farm is located in a residential/agricultural area in Delran Township, Burlington County, New Jersey. Reportedly, this farm was used for the disposal of powdered chemicals, including pesticides, from sometime prior to 1945 until at least 1952, when a fire occurred at the dump site. Dumping supposedly stopped after the fire. However, observations indicate that the area was used or at least disturbed through the 1960s and into the 1970s.

The dump site, an area of lost and stressed vegetation covers an area of 100 feet by 200 feet. The dump site is bordered by riparian lands of the Rancocas Creek on the north and by active farm land on the south. The nearest occupied residence is located within one quarter of a mile of the site. The area of contamination is unposted and unfenced allowing unrestricted access to the site.

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Analysis of soil samples taken by the New Jersey Department of Environmental Protection (NJDEP) in 1986 revealed the presence of pesticides and heavy metals in the landfill area. All five samples collected by, NJDEP contained DDT and DDT isomers. Concentrations of 4,4'-DDT was detected ranging from 170 ppm to 380,000 ppm. Other pesticides detected include alpha BHC, gamma BHC, 4,4'-DDE, endosulfan I and heptachlor epoxide. Arsenic and thallium were detected above NJDEP removal action levels (RAL) for these elements in soil. Arsenic was detected in three samples at concentrations ranging from 42 to 160 ppm. Thallium was detected in one sample at 23 ppm. NJDEP's RALs for arsenic and thallium are 20 ppm and 5 ppm respectively.

IV. Response Information

A. Planned Actions

The Removal Action Branch has determined that a CERCLA removal action is necessary to mitigate the threat to public health and the environment posed by the contaminated soil. The proposed action is to include securing the site, stabilizing contaminated soils, and conducting an investigation which will determine the nature and extent of contamination.

B. Situation

1. Current situation

The situation at the site remains unchanged.

2. Actions to date

On March 21, EPA and TAT made a visit to the site to collect soil samples. A representative of Rizzo Associates acting on behalf of PPG Industries, accompanied EPA on this sampling trip. Ten surface soil samples and four quality assurance samples were collected in the lands adjacent to the site. All samples were split with the PRP's agent. All samples taken will be analyzed for TCL pesticides, arsenic and thallium. The objective of this sampling program is to determine background levels of metals and pesticides in the lands adjacent to the dump site. This data will be used in developing removal action levels for the site.

3. **Enforcement**

EPA is continuing negotiations with PPG concerning an Administrative Consent Order for the site. At present PPG is the only party noticed for this site, EPA's Office of Regional Counsel is however preparing a request for information letter to be issued to Freeport McMoran in connection with this site. PPG has expressed an interest in conducting the site investigation and removal action concurrently to expedite remediation of the site.

C. Next steps

It is anticipated that an Administrative Consent Order will be negotiated between PPG and EPA in the near future. Should negotiations falter however, EPA is prepared to conduct the removal action described in the action memorandum.

D. Key Issues

No significant problems have been encountered to date.

FURTHER
POLREPS
FINAL POLREP _____ FORTHCOMING X SUBMITTED BY: _____

Donald R. Graham, OSC
Removal Action Branch

DATE RELEASED: 3/22/91